

PRODUCT BULLETIN  
GYPSUM PRODUCTS

5/16" MOBILE HOME  
GYPSUM BOARD

BULLETIN NO: B-1A

DATE: 12/15/76

PAGE: 1 of 3

APPROVALS *J. O. H.*

*WLM*

*[Signature]*

*[Signature]*

CANCELS: B-1A

DATE: 2/3/76

PRODUCING PLANTS: Long Beach, Antioch, Seattle

This product is used in mobile homes. It may be vinyl laminated, printed by others, used as a backer board for ceilings, or in heater closets. It will be applied with staples and glue.

CORE FORMULA: Pounds per MSF

Board Stucco	(S-1)	850 - 1000
Paper Fiber	(B-G-1)	6 - 10
Glass Fiber	(B-G-1)	1 - 2
Starch	(RM-B-11)	6 - 8
Foaming Agent	(B-G-1)	0.2 - 0.7
Lignin - Dry Powder	(B-G-1)	1 - 2
- Liquid	(B-G-1)	2 - 4
End Trim	(B-G-1)	15 - 40
Potassium Sulfate	(B-G-1)	0 - 2

PAPER LINERS:

Grade 7001 manila face paper  
Grade 7002 grayback paper

OPERATING SPECIFICATIONS: (Refer to Process Bulletin B-G-2 for General specifications)

1. Slurry Setting Time, minutes 2 - 3½
2. Wet Slurry Weight, pounds per cu.ft. 75 - 80
3. Wet Compressive Strength, pounds per sq. in. 200 minimum

PRODUCT SPECIFICATIONS: (Refer to Process Bulletin B-G-4 for General Specifications)

Length-	7' through 14' typical
Width -	48" + 0 - 3/32"
Edges -	Square (slight in edge)
Talc -	Do not apply talc on board

NOTE: Special care is needed to avoid high moisture at take-off to avoid "rollers".

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PRODUCT SPECIFICATIONS: (cont.)

	Acceptance Limits		Control Values		
	Min.	Max.	Min.	Std.	Max.
Wet Weight (lbs/MSF)			1750		1900

TAKE-OFF TESTS

Dry Weight (lbs/MSF)*	1200	1400	1200	1275	1350
Evaporation Loss (lbs/MSF)			500		700
Thickness, average (inch)	0.300	0.325	0.305	0.312	0.320
Thickness, indiv. rdg. (inch)	+0.010 from avg.		+0.010 from average		
Profile (inch)	+0.010 in 6" width		+0.010 in 6" width		
Twist Test, tested hot face and back (inch)				0	1
End Peel, tested @ 1-2 hrs face and back (inch)				0	3/4
Bond Test, tested @ 1-2 hrs face and back (inch)		1 1/4		0	1
Falling Ball Impact (inch)			0.010	0.015	0.030
Edge Hardness (lbs.)	10		12	15	20

STANDARD CONDITIONED TESTS

Flexural Strength (lbs)					
Across	80		80		
Parallel	30		30		
Deflection @ Break (inch)					
Across	0.35		0.35		
Parallel	0.25		0.25		
Punch Test (lbs)	800	1400	900		1200
End Peel After Sawing (in.)		1		0	3/4
Twist Test (inch)					
face and back		1			3/4
High Humidity Bond (inch)					
face and back		1		0	1

\* Note: Board manufactured outside the specified dry weight ranges may be shipped provided board conforms to all other finished product specifications.

PRODUCT IDENTIFICATION:

1. Printing - Print date, code and company identification on back. The code shall be printed 6-8 inches in from one edge of the board. At the same distance from the opposite edge print the U.L. designation for the flamespread rating.

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WAREHOUSING AND SHIPPING:

Do not bundle.

Stack face to face on sleuters.

80 pieces per unit.

Use dunnage protection around edges and ends on LTL or long distance shipments.

NOTE: Avoid crushing edges when tightening strapping and tying down units.